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MODERN PEDAGOGICAL APPROACHES AND INNOVATIVE OPPORTUNITIES IN TEACHING TECHNOLOGY

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Abstract. This article examines modern pedagogical approaches and innovative opportunities in teaching technology. The significance of technology education in general schooling, including its educational, developmental, and formative functions, is highlighted. Based on literature analysis, the studies of domestic and foreign scholars are compared, and an authorial perspective on improving teaching practices is proposed.

Keywords: technology education, pedagogical approach, innovation, creativity, competence, practical skills.

Annotatsiya. Ushbu maqolada texnologiya fanini o'qitishda zamonaviy pedagogik yondashuvlar hamda innovatsion imkoniyatlardan samarali foydalanish masalalari yoritilgan. Maktab ta'limida texnologiya fanining ahamiyati, uning ta'limiy, tarbiyaviy va rivojlantiruvchi jihatlari, shuningdek, zamonaviy metodlar asosida ta'lim samaradorligini oshirish yo'llari ilmiy jihatdan asoslab berilgan. Maqolada adabiyotlar tahlili orqali o'zbek va xorijiy olimlarning tadqiqotlari solishtirilib, mualliflik yondashuvi taklif qilingan.
Kalit so'zlar: texnologiya ta'limi, pedagogik yondashuv, innovatsiya, kreativlik, kompetensiya, amaliy ko'nikma.
Аннотация. В данной статье рассматриваются современные педагогические подходы и инновационные возможности в преподавании технологии. Освещена значимость предмета «Технология» в системе общего образования, его образовательные, воспитательные и развивающие функции. На основе анализа научных источников сопоставлены исследования отечественных и зарубежных ученых, предложен авторский взгляд на проблему.
Ключевые слова: обучение технологии, педагогический подход, инновации, креативность, компетенция, практические навыки.

Introduction. Today on the day education system in front of standing the most important from tasks one — in the student's XXI century skills In this process, technology science not only professional-practical skills to give, maybe creative thinking, problems solution and innovative approaches to occupy guide important study subject is considered.

Uzbekistan In the Republic education in the field take going reforms, in particular, the "New Uzbekistan - development " Strategy" and "Education " about " Law in the requirements technology science innovative in the basics education separately is being emphasized. Therefore, this article technology science in education modern pedagogical approaches and innovative opportunities deep analysis to do the bag is being processed.

Literature analysis. Technology to education related scientific research analysis when they do, their one how many mains to directions attention focused it seems.

Uzbek scientists works by M. Tokhtayev, D. Khodjayeva, U. Ashurov and others technology science in education practical of training student person every one-sided in

development instead They believe that students labor skills formation not only professional to prepare, maybe personal discipline and in the team work also serve the culture does.

Foreign studies. Such as J. Dewey, P. Drucker, K. Robinson scientists' technology education creativity and innovative thinking formative main factor as they show. In particular, Robinson's stating that technological knowledge creative thinking with harmonious just by chance real educational to the effect is achieved.

Practical experiences. Finland, South Korea and Japan in schools' technology education STEM (Science, Technology, Engineering, Mathematics) programs based on take This is in students' theory and practice integration to do, scientific and technical thinking develop opportunity gives.

Above research generalized without to say maybe technology science in education innovative approaches not only education efficiency increases, maybe society economic and social directly to the development impact shows.

The main part.

1. Modern pedagogical approaches

Technology science effective in education following pedagogical approaches important importance profession will:

Competency approach – in the student not only knowledge, maybe him/her application his/her skills to form.

Constructivist approach – student 's active in the presence of knowledge independent accordingly create process organization to do

Integrative approach – technology science other sciences with garden, complex in a way education

2. Innovative opportunities

Technology science in education innovative opportunities wide. Including :

STEM and STEAM methodologies are natural science, technology, engineering and art to harmonize.

Digital technologies – 3D modeling, digital design, virtual laboratories.

Project based on education – expose students to real -life situations solution to do redirection.

3. Practical efficiency

Innovative methods through students not only technician knowledge possesses, perhaps in the team work, problems solution to grow and creative ideas create to skills has This is the case. their future professional to the activity thorough ground creates.

Conclusion and recommendations.

Research from the results come out following to conclusions bride:

1. Technology science in students' creativity and innovative thinking in formation important place holds.

2. Modern pedagogical approaches education efficiency increases and the student active subject as shapes.

3. Innovative methods, especially STEM, project based on education and digital technologies of the students practical skills expands.

Research from the results come out following recommendations given :

1. School teachers lesson in the process interactive and innovative from methods wide uses necessary.

2. Technology science other sciences with integration to do through education further effective organization to grow to the goal according to.

3. Study programs modern working release and labor to the market adaptation necessary.

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